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BUREAU OF CROP ESTIMATES,
UNITED STATES DEPARTMENT OF AGRICULTURE,
WASHINGTON, D. C.,

January 15, 1921.

FOREIGN CROP AND LIVE STOCK REPORT.

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SUMMARY OF FOREIGN CROP PROSPECTS.

The prospect for the harvest of 1920-21 in the Southern Hemisphere has been almost universally spoken of in very favorable terms. Recent estimates show a decline of the wheat area in Argentina, Australia and the Union of South Africa from that published in our previous reports. They now place the wheat acreage in these three countries at 25,139,000 acres, as compared with 22,101,000 acres for the season of 1919-20. In Argentina the harvest is progressing steadily and apparently under quite favorable circumstances as fine harvesting weather is at present prevailing throughout the country. The acreage of wheat, linseed and oats is estimated as follows: Wheat 14,816,000 acres, compared with 14,957,000 last year; linseed 3,484,000 acres compared with 3,522,000 last year; and oats 2,061,000 acres compared with 2,301,000 last year. Unofficial estimates now place the amount of wheat to be obtained from the harvest at approximately 223,256,000 bushels; linseed 55,115,000 bushels and oats 57,526,000 bushels. In Australia, optimistic reports indicate that the harvest prospects are exceeding expectations, and this notwithstanding the fact that recently there have been rumors of the wheat crop of New South Wales being jeopardized, due to heavy rain storms. It is the opinion of many that these rumors are evidently much exaggerated and that the damage is not nearly so serious as reported. The storms appear to have been very local, and the injury to cereals was very limited. Undoubtedly some damage has been done, but the yields are heavy, and it is largely a matter of favorable weather for the satisfactory completion of the harvest. The latest estimates available place the wheat area at 9,500,000 acres compared with 6,344,000 last year while it is unofficially reported that the output of this crop will reach approximately 140,000,000 bushels, as compared with 47,104,000 last year. In the Union of South Africa, owing to drought which prevailed in most of the districts, the condition of the wheat crop is somewhat below normal. The latest available estimates show the area of wheat to be 823,000 acres compared with 801,000 last year; barley 91,000 compared with 99,000 last year; and corn 564,000 acres compared with 558,000 last year. The latest forecast of production places the amount of wheat at 8,287,000 bushels, compared with 8,630,000 last year; Barley 1,207,000 bushels compared with 1,160,000 last year and corn 45,812,000 bushels compared with 42,966,000 bushels last year.

Generally speaking the agricultural situation in the Northern Hemisphere shows prospects of a very favorable nature, as indicated by the quickened growth of autumn-sown crops. Little crop news is received from Canada at this time of the season. So far there has been no material change in the agricultural situation from that published in our last report. From Russia authentic news of the crop conditions have not been available for some time. In France, present indications show the acreage of winter crops to be somewhat greater than last year. Lately severe frost accompanied by snowfall, has been experienced. The cold weather is hindering germination of the young crops, which, however, have been protected by the covering of snow. Alternate freezing and thawing is causing some anxiety. In the West late sown cereals germinated slowly and the cold has checked growth. In Roumania reports indicate that a very small area has been planted to winter wheat.

FOREIGN CROP AND LIVE STOCK REPORTS, -CONT'D.

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SUMMARY OF FOREIGN CROP PROSPECTS, -CONT'D.

Unofficial estimates place the area planted to this crop at less than 3,000,000 acres, as compared with 4,400,000 planted for the 1920 crop. In Germany the lateness of the autumn seeding, owing to drought, has resulted in the wheat plants being less sturdy than usual. Lately the weather has been mild with rainfall in some districts. The growing cereals are not spoken of very favorably, but the acreage under wheat and rye is reckoned to be about equal to that of last year. In Italy autumn sowings are practically completed and the young crops are looking well. The weather to the south has been unseasonably wet and some damage by floods is reported. Unofficial estimates place the present area of wheat at approximately 10,000,000 acres. In Spain due to abundance of rain, the new crops were sown under most favorable conditions. There has been practically no change in crop prospects since our last report. In the United Kingdom there have been some light showers, but on the whole climatic conditions are not unfavorable for the crops. Frost and snow in the middle of December stopped all field work for the time being and it may be taken for granted that there will be no further extension of the cereal acreages this year. In India the prevailing drought is unrelieved and moisture is badly needed in the Punjab, North-west Provinces, Central Provinces and Bombay. Crop prospects are generally considered to be fair.

In North Africa, reports of the new seedings show an improvement, but weather conditions in some parts recently have been very unfavorable. Advices from Algeria state that the young crops are now showing above ground in the more fertile soils. Much damage has been caused in certain districts by a plague of mice and grubs and considerable areas will have to be resown. In Tunis also much of the seeded area will have to be gone over again, owing to damage caused by storms, which have been more violent and devastating than any experienced during many years. The weather in Morocco has been frosty, which is considered unfavorable for the growth of the young plants. In Egypt a measure to limit next year's cotton crop to one-third of the area of each estate has been drafted. This is intended to relieve the financial difficulties arising out of the fall in the price of cotton. Owing to this situation it is stated that an increased area will be devoted to cereals during the season 1920-21.

FOREIGN CROP AND LIVE STOCK REPORTS, -CONT'D.

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WHEAT.

The production of wheat in the 31 countries for which statistics are available for the year 1920, is placed at approximately 2,763,536,000 bushels. Estimates of the quantity of wheat harvested in the 28 countries which reported in both 1920 and 1919 aggregate about 2,671,807,000 bushels for 1920, compared with 2,571,488,000 in 1919. These 28 countries produce according to the annual average production for the years 1909-1913, approximately 74 per cent of the so-called wheat crop of the world.

WHEAT.- PRODUCTION IN UNDERMENTIONED COUNTRIES, 1909-1920.

(From data available up to January 1, 1921.)

Country.	Average, 1909-1913.	Average, 1914-1915.	1919.	1920.
	1,000 Bushels.	1,000 Bushels.	1,000 Bushels.	1,000 Bushels.
United States	686,691:	822,246:	934,265 :	787,128
Canada	197,119:	248,084:	190,729 :	293,361
Mexico	9,995:	* 6,286: (1)	14,239 :	(1) 14,951
Argentina	157,347:	143,961:	171,591 :	(1) 224,000
Chile	20,316:	20,241:	21,591 :	.....
Uruguay	7,314:	7,560:	6,890 :	5,416
Austria	(2) 61,075:	.....:	.....:	.....
Hungary	(2) 156,523:	* (2) 129,086:	.....:	(3) 29,139
Belgium	14,583:	* 9,104:	9,895 :	8,799
Bulgaria	(2) 43,725:	(2) 29,308:	(3) 34,028 :	(3)(1) 41,189
Czecho-Slovakia .....	.....:	.....:	(4) 14,942 :	24,437
Denmark	4,916:	5,087:	5,923 :	.....
Finland	129:	* 234:	306 :	276
France	(2) 317,254:	(5) 214,137:	182,444 :	230,404
Alsace Lorraine	8,009:	.....:	4,647 :	.....
Germany	(2) 152,119:	(6) 110,665:	(6)(1) 79,714 :	(6)(1) 80,000
Greece	7,200:	7,177:	9,693 :	13,287
Italy	183,260:	169,548:	169,563 :	141,094
Jugo-Slavia .....	.....:	.....:	.....:	(1) 48,800
Luxemburg .....	.....:	439:	.....:	.....
Netherlands	4,976:	5,157:	6,015 :	6,677
Norway	307:	478:	(1) 1,139 :	.....
Portugal	8,683:	7,545:	.....:	.....
Roumania	(2) 86,679:	(2) 72,344:	(7) 50,754 :	(3) 66,453
Russia	(2) 522,794:	(3) 830,211:	.....:	.....
Poland	(2) 223,343:	.....:	20,760 :	18,257
Spain	130,446:	117,220:	129,250 :	134,455
Sweden	7,907:	8,498:	9,509 :	11,123
Switzerland	3,314:	4,528:	3,524 :	3,586
United Kingdom	61,481:	72,939:	69,320 :	(8) 54,380
British India	350,736:	332,852:	280,485 :	376,884
Japan	25,274:	29,492:	29,800 :	(1) 28,055
Korea .....	.....:	6,315:	7,144 :	.....
Algeria	33,071:	33,346:	25,559 :	13,902
Egypt	34,000:	34,181:	30,137 :	27,246
Morocco .....	.....:	.....:	.....:	17,637
Tunis	6,063:	7,161:	7,349 :	4,766
Union of South Africa ..	4,620:	6,318:	8,983 :	6,630
Australia	84,943:	116,830:	75,146 :	(1) 47,104
New Zealand	7,885:	6,343:	6,568 :	4,100

* Five-year average not available; figures show average for available years only. (1) Unofficial estimate. (2) Old boundaries. (3) New boundaries. (4) Bohemia and Moravia only. (5) Excludes territory occupied by the enemy. (6) Excludes Alsace Lorraine. (7) Excludes Dobruja. (8) England and Wales.

FOREIGN CROP AND LIVE STOCK REPORTS, -CONT'D.

January 15, 1921.

RYE.

Reports received from 16 countries show an aggregate production of 544,503,000 bushels of rye. Of these countries 14, usually producing about 39 per cent of the world's total cutturn, produced in 1920, 452,803,000 bushels, compared with 481,435,000 bushels in 1919. Reports from Russia and Austria, both important rye producing countries, have not been received.

RYE. - PRODUCTION IN UNDERMENTIONED COUNTRIES, 1909-1920.
(From data available up to January 1, 1921.)

Country.	Average, 1909-1913.1:	1918.	1919.	1920.
	1,000 Bushels.	1,000 Bushels.	1,000 Bushels.	1,000 Bushels.
United States	34,916	91,041	88,909	69,318
Canada	2,096	8,504	10,207	12,190
Argentina	949	.....	.....	.....
Chile	144	176	192	.....
Austria	(2) 112,752	10,604	.....	.....
Hungary	(2) 48,716	.....	.....	16,859
Croatia-Slavonia	(2) 2,231	.....	.....	.....
Bosnia-Herzegovina ...	(2) 444	.....	.....	.....
Belgium	22,675	(3) 5,132	13,681	14,824
Bulgaria	(2) 8,553	4,427	6,490	8,931
Czecho-Slovakia .....	.....	.....	32,734	33,439
Denmark	18,098	12,726	14,900	.....
Finland	11,174	(4) 11,031	10,505	9,165
France	(2) 48,647	(3) 28,935	28,736	33,174
Alsace-Lorraine	3,476	(5) 1,165	1,841	.....
Germany	(2) 445,222	(5) 315,301	(5) 222,344	(5) (4) 193,088
Greece .....	.....	.....	1,081	1,307
Italy	5,328	(4) 5,232	4,571	4,527
Luxemburg	651	422	.....	.....
Netherlands	16,422	13,022	14,057	14,222
Norway	974	1,012	984	.....
Roumania	(2) 4,652	(7) 1,694	(2) 3,551	.....
Russia proper	(2) 791,333	.....	.....	.....
Poland	(2) 90,494	.....	.....	74,841
Spain	27,635	30,445	23,298	32,053
Sweden	23,859	19,794	23,074	24,943
Switzerland	1,783	1,850	1,748	1,622
United Kingdom	1,751	.....	.....	.....
Australia	108	.....	.....	.....
New Zealand	97	.....	.....	.....

- (1) Five-year average except in a few cases where five-year statistics were unavailable.
 (2) Old boundaries.
 (3) Excludes invaded territory.
 (4) Unofficial.
 (5) Excludes Alsace-Lorraine.
 (6) Excludes Eastern Macedonia.
 (7) Includes Bessarabia but excludes Dobrudja.

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BARLEY.

The aggregate production of barley in 22 countries is estimated at 768,433,000 bushels. Nineteen of these countries for which estimates were available for both 1920 and 1919 show a production for 1920 of 732,514,000 bushels, compared with 643,430,000 for 1919. These 19 countries usually produce about 51 per cent of the total output of the world.

BARLEY.- PRODUCTION IN UNDERMENTIONED COUNTRIES, 1909-1920.
(From data available up to January 1, 1921.)

Country.	Average, 1909-1913.	1918.	1919.	1920.
	1,000 Bushels.	1,000 Bushels.	1,000 Bushels.	1,000 Bushels.
United States	181,881:	258,225:	161,345:	202,024
Canada	48,532:	77,287:	56,389:	65,559
Mexico	6,666:	17,711:	.....	.....
Argentina	3,626:	.....(2)	1,230:	(2) 10,279
Chile	3,924:	3,304:	3,977:	.....
Uruguay	61:	108:	.....	73
Austria	(3) 71,988:	(4) 4,233:	.....	.....
Hungary	(3) 69,812:	.....	.....	20,646
Jugo Slavia .....	.....	.....	.....	(2) 15,200
Croatia-Slavonia	(3) 2,540:	.....	.....	.....
Bosnia Herzegovina	(3) 3,455:	.....	.....	.....
Belgium	4,247:	.....	3,617:	3,693
Bulgaria	(3) 12,425:	7,094:	10,538:	114,066
Czechoslovakia .....	.....	.....(5)	20,648:	38,612
Denmark	22,589:	21,465:	24,600:	.....
Finland	5,737:(2)	5,635:	5,295:	4,983
France	(3) 46,489:(6)	27,475:	23,625:	35,399
Germany	153,529:(7)	103,720:(7)(2)	83,000:	(7)(2) 88,000
Italy	10,104:	9,686:	8,327:	5,833
Netherlands	3,270:	2,176:	2,688:	2,846
Norway	2,867:	5,622:(2)	5,787:	.....
Roumania	(3) 24,821:(8)	4,993:(8)	19,844:	.....
Poland	(3) 27,150:	.....	29,441:	39,308
Spain	74,689:	90,496:	81,809:	89,144
Sweden	14,592:	12,947:	12,892:	11,121
United Kingdom	64,760:	62,351:	72,130:	.....
British India	(10) 40,973:	155,307:	.....	.....
Japan	89,528:	82,650:	91,500:	95,808
Korea	19,456:	27,751:	26,480:	.....
Algeria	41,961:	60,742:	33,667:	14,035
Egypt .....	.....	10,063:	10,283:	7,475
Tunis	7,900:	10,426:	5,512:	3,169
Union of South Africa ..	2,015:	2,054:	1,623:	1,160
Australia	2,819:	.....	.....	.....
New Zealand	1,402:	569:	711:	.....

- (1) Five-year average except in a few cases where five-year statistics were unavailable.
- (2) Unofficial.
- (3) Old boundaries.
- (4) New boundaries.
- (5) Bohemia and Moravia only.
- (6) Excludes territory occupied by the enemy.
- (7) Excludes Alsace Lorraine.
- (8) Includes Bessarabia but excludes Bobrudja.
- (9) Excludes Transylvania.
- (10) 1913 only.

FOREIGN CROP AND LIVE STOCK REPORTS, -CONT'D-

January 15, 1921.

OATS.

For the year 1920 the aggregate production of oats in 22 countries amounted to 3,115,010,000 bushels. For 19 countries normally producing about 64 per cent of the total oat crop of the world, estimates for 1920 show a production of 2,954,195,000 bushels, as compared with 2,439,267,000 in 1919.

OATS. - PRODUCTION IN UNDERMENTIONED COUNTRIES, 1909-1920.
(From data available up to January 1, 1921.)

Country.	Average, 1909-1913.1.	1918.	1919.	1920.
	1,000 Bushels.	1,000 Bushels.	1,000 Bushels.	1,000 Bushels.
United States	1,131,175	1,538,124	1,231,754	1,526,055
Canada	367,678	426,312	394,387	543,088
Argentina	52,122	68,635	33,762	57,113
Chile	2,934	3,177	3,250	.....
Uruguay	830	3,697	1,288	1,728
Austria	(2) 143,392	12,933	.....	.....
Hungary	(2) 85,840	.....	.....	(3) 23,467
Croatia Slavonia	(2) 5,216	.....	.....	.....
Czechoslovakia	.....	.....	(4) 43,951	55,859
Bosnia Herzegovina	(2) 4,973	.....	.....	.....
Belgium	40,905	.....	26,920	31,389
Bulgaria	(2) 9,880	(3) 3,613	(3) 7,387	(5) 9,676
Denmark	43,115	41,571	47,500	.....
Finland	21,989	(5) 22,649	24,133	24,562
France	(2) 310,020	(6) 176,504	168,303	290,925
Alsace Lorraine	12,846	(6) 4,049	8,030	.....
Germany	(2) 591,996	(5) 322,475	(5)(7) 309,587	(5)(7) 237,600
Greece	.....	.....	2,749	3,996
Italy	36,945	45,353	34,695	24,113
Luxemburg	3,382	1,459	.....	.....
Netherlands	18,512	18,617	20,512	24,285
Norway	10,245	16,582	15,106	.....
Roumania	(2) 27,545	(8) 5,890	.....	.....
Poland	(2) 76,590	.....	.....	111,748
Serbia	(2) 5,443	.....	.....	.....
Jugo Slavia	.....	.....	.....	(5) 25,600
Spain	29,110	30,474	32,915	39,625
Sweden	79,115	57,880	76,591	66,172
Switzerland	4,784	5,188	2,811	3,114
United Kingdom	182,777	257,433	210,388	.....
Algeria	12,950	22,914	13,557	5,890
Tunis	4,333	3,817	3,445	1,516
Union of South Africa	7,197	10,775	9,520	7,519
Australia	14,851	10,387	.....	.....
New Zealand	13,664	4,943	6,885	.....

- (1) Five-year average except in a few cases where five-year statistics were unavailable.
- (2) Old boundaries.
- (3) New boundaries.
- (4) Bohemia and Moravia.
- (5) Unofficial.
- (6) Excludes territory occupied by the enemy.
- (7) Excludes Alsace Lorraine.
- (8) Includes Bessarabia but excludes Dobrudja.

FOREIGN CROP AND LIVE STOCK REPORTS,--CONT'D.

January 15, 1921.

CORN.

Reports received from 14 countries show an aggregate production of 3,760,657,000 bushels. Of these countries 11, usually producing, according to the annual average production for the years 1909-1913, approximately 80 per cent of the world's total outturn, produced in 1920, 3,703,342,000 bushels, compared with 3,314,029,000 bushels in 1919.

CORN.- PRODUCTION IN UNDERMENTIONED COUNTRIES, 1909-1920.
(From data available up to January 1, 1921.)

Country.	Average, 1909-1913.	1918.	1919.	1920.
	1,000 Bushels.	1,000 Bushels.	1,000 Bushels.	1,000 Bushels.
United States	2,708,334	2,502,665	2,858,509	3,232,357
Canada	18,178	14,205	16,940	13,696
Mexico	164,657	75,985	.....	.....
Argentina	174,502	170,660	240,144	258,686
Chile	1,390	1,446	1,702	.....
Uruguay	6,027	7,086	6,574	2,784
Austria	(2) 14,536	(3) 2,291	.....	.....
Hungary	(2) 158,081	.....	.....	48,319
Croatia Slavonia	(2) 24,873	.....	.....	.....
Bosnia Herzegovina	(2) 9,111	.....	.....	.....
Bulgaria	(2) 28,219	8,144	(4) 39,412	(4) 39,650
Czecho Slovakia .....	.....	(5) 448	.....	6,138
France	(2) 22,229	9,760	11,773	.....
Italy	100,349	76,590	85,846	86,909
Roumania	(2) 100,620	.....	94,909	.....
Spain	26,548	24,141	24,533	25,554
Switzerland .....	.....	358	287	280
British India	87,240	92,680	.....	.....
Japan	3,637	3,757	.....	.....
Philippine Islands	7,446	11,271	13,095	.....
Algeria	461	.....	236	253
Tunis .....	.....	.....	257	197
Egypt	64,220	.....	.....	.....
Morocco .....	.....	3,354	.....	2,858
Union of South Africa	26,498	45,143	41,291	42,966
Australia	352	332	.....	.....
New Zealand	10	8	10	.....

- (1) Five-year average except in a few cases where five-year statistics were unavailable.
 (2) Old boundaries.
 (3) Galicia and Bukowinia not included.
 (4) Unofficial.
 (5) Moravia only.

FOREIGN CROP AND LIVE STOCK REPORTS, -CONT'D.

January 15, 1921.

POTATOES.

The aggregate production of potatoes for the year 1920 in the 14 countries for which statistics are available is estimated at about 1,496,969,000 bushels. Ten of these countries usually producing about 17 per cent of the total world's crop, produced in 1920, 1,032,068,000 bushels, compared with 992,257,000 bushels in 1919. Reports from many of the principal potato producing countries have not been received up to date,

POTATOES. - PRODUCTION IN UNDERMENTIONED COUNTRIES, 1909-1920.
(From data available up to January 1, 1921).

Country.	Average, 1909-1913.	1918.	1919.	1920.
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels.
United States	356,627	411,860	355,773	430,458
Canada	78,498	104,346	125,575	138,527
Mexico	924	328	452	
Argentina	40,215			
Chile	8,023	9,768		
Austria	(2) 456,485	(3) 21,495		
Hungary	(2) 180,103			71,568
Belgium	107,081		76,064	61,954
Bulgaria	(2) 454			2,023
Czecho Slovakia			(4) 79,556	
Denmark	32,440	40,305	53,087	
Finland	20,975	22,569	17,718	17,865
France	(2) 489,377	228,433	284,047	
Germany	(2) 1,681,959	(5) 1,082,816	(5) 788,115	
Italy	60,813	51,808	50,981	51,440
Luxemburg	6,439	4,731		
Netherlands	110,153	109,655	96,225	91,303
Norway	24,821	28,954	37,912	
Roumania (6)	(2) 3,634	2,431	2,431	
Roumania (7)	(2) 1,144	401	401	
Russia Proper	(2) 862,798			
Poland	(2) 373,917			(3) 390,325
Spain	93,413	95,562	102,418	104,761
Sweden	60,327	71,129	77,573	60,226
Switzerland	40,537	43,355	27,925	28,256
United Kingdom	254,438	344,326	235,648	
Japan	24,738	41,275	(3) 62,005	47,278
Algeria	1,783			985
Union of South Africa	3,269	3,909	3,649	
Australia	14,077	12,969		
New Zealand	6,047	3,756		

- (1) Five year average except in a few cases where five year statistics were unavailable.
- (2) Old boundaries.
- (3) Unofficial.
- (4) Bohemia and Moravia only.
- (5) Excludes Alsace Lorraine.
- (6) Grown alone.
- (7) Grown with corn.

FOREIGN CROP AND LIVE STOCK REPORTS, -CONT'D.

January 15, 1921.

LIVE STOCK.

IRELAND:

NUMBER OF LIVE STOCK

Kind.	1920.	1919.	1918.	1916.
Cattle	5,019,837	5,029,450	4,863,282	4,970,441
Sheep	3,588,892	3,513,345	3,627,178	3,763,705
Pigs	980,078	977,963	974,385	1,290,289
Goats and Kids	247,187	233,287	277,114	293,390
Horses	631,654	624,501	618,807	598,978
Mules and Jennets .	27,077	25,582	25,563	28,352
Asses	226,367	222,469	232,159	230,013

(Department of Agriculture & Technical Instruction
for Ireland).

ENGLAND AND WALES:

NUMBER OF LIVESTOCK

Kind.	1920.	1919.
Horses	1,365,940	1,386,820
Cattle	5,546,900	6,194,540
Sheep	13,378,970	15,124,310
Pigs	1,994,740	1,798,470

(Ministry of Agriculture and Fisheries).

SCOTLAND:

NUMBER OF LIVESTOCK

Kind.	1920.	1919.
Horses	213,938	213,331
Cattle	1,164,390	1,229,637
Sheep	6,345,809	6,410,039
Pigs	128,489	137,905

(Agricultural Returns for Scotland 1920.)

FOREIGN CROP AND LIVE STOCK REPORTS.- CONT'D.

January 15, 1921.

British South West Africa:

The principal resource of this country consists in stock raising. Before the war there were 205,643 cattle; 472,535 goats; 31,503 sheep; 15,916 horses; 113,618 mules and asses; 709 camels, and 7,772 pigs.

(L'Economiste Francais)

British East Africa:

In 1912 there were 43,612 cattle, 41,647 sheep, and goats belonging to Europeans and 3,950,250 cattle and 6,398,300 sheep and goats belonging to natives.

(L'Economiste Francais)

Ceylon:

NUMBER OF LIVE STOCK.
(000 omitted)

<u>Date.</u>	<u>Cattle.</u>	<u>Buffaloes.</u>	<u>Swine.</u>	<u>Sheep.</u>	<u>Goats.</u>	<u>Horses.</u>
1918	1,451	.....	69	64	187	3
1917	1,577	.....	86	63	193	4
1916	1,518	.....	61	85	186	4
1915	1,501	.....	71	90	...	4
1914	1,484	.....	84	64	...	4
1913	1,484	.....	86	90	...	5
1912 (Dec. 31)	1,505	.....	85	91	209	5
1911 (Dec. 31)	1,465	.....	87	90	195	5
1909	1,510	.....	97	96	171	4
1908	1,635	.....	93	101	174	4
1907	1,559	.....	96	99	...	4
1906	1,543	.....	99	95	...	4
1905	1,490	.....	98	96	...	4
1904	1,534	.....	94	88	...	4
1903	1,422	.....	92	90	...	7
1902	1,348	.....	92	87	...	4
1901	1,477	.....	88	91	...	4
1900	1,398	.....	91	90	...	5

(Official Government Reports.)

LEON M. ESTABROOK,

Chief of Bureau.